

CHAPTER 14. MONUMENTATION AND DRAFTING STANDARDS

1401. MONUMENTATION

1401.1 Standards

The developer shall monument all new streets and subdivision in accordance with the standards shown in this code.

1401.2 Certification

The City Council shall not accept new street construction or other public improvements until the developer causes to be installed all required monuments and ties and certified as to same on the final plat by a surveyor.

1401.3 Texas Plane Coordinate System

The developer shall reference all monuments to the Texas Plane Coordinate System unless otherwise approved by the City Engineer.

1402. DRAFTING STANDARDS

The developer shall use the drafting standards shown in Figure 14-1 in all plats and plans submitted to the City Engineer.

1403. MONUMENTATION REQUIREMENTS

1403.1 General

- (1) All monumentation shall be labeled as "found" or "set".
- (2) All monuments should be tagged with the surveyor's number on a brass tag set into top of monument.
- (3) The maximum distance between monuments on any property line shall be 700 feet.
- (4) Contact the City Engineer for prior approval of all deviations.



























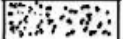

1403.2 Subdivision boundary monuments

- (1) Either a two inch (2") brass cap or a two inch (2") permanent cap with metal detector capability, is required at all subdivision boundary corners.
- (2) Exterior subdivisions monuments shall be set before the final plats are approved by the City Engineer.



- (3) Monuments shall be left exposed for field inspection by the City Engineer.
- (4) Monuments shall be set at any change in the line of the survey.

1403.3 Lot corners

Lot corners shall be monumented with minimum 1/2" X 18" iron rods.

EXISTING	PROPOSED	TOPO SYMBOLS
		Centerline
		R/W
		Improvements (Edge of Curbs, Sidewalks, Bldg., etc....)
		Improvements per Adjacent Street
		Edge of Pavement (Hachures on Pavement Side)
		Railroad Track
		Railroad R/W
		Fence (Label Type on Plan)
		Storm Drain Conduit *
		Gas Line *
		Water Line *
		Irrigation Line *
		Underground T. & T., Lighting, & Elect. Cables *
		Fire Hydrant
		Water Valve
		Gas Valve
		Sprinkler Head
		Hose Bib
		Power Poles & T. & T. Poles, Guy Anchor
		Water Meter, Gas Meter
		Remove Improvements (Pencil on Back)
		Construct A.C. Pavement (Pencil Shaded on Back)
		Construct P.C.C. Improvements
*Note: Space labels as necessary to provide clear identification.		
Huntsville Design Criteria	DRAFTING STANDARDS	
Revisions		
		Scale: NONE
		FIGURE 14-1.1

Existing	Proposed	
		Low Capacity Drainage Ditch or Creek
		Large Capacity Creek, Channel or Ditch
		Trees, Bushes
SEWER SYMBOLS		
		Manhole
		Terminal Cleanout
		Sanitary Sewer *
		Sewer Wye (Pencil on Back)
		Sewer Lateral (Pencil on Back)
WATER SYMBOLS		
		Water Line *
		Thrust Block
		Air Vacuum Relief and Blow-off Valves
		Reducer
LIGHTING SYMBOLS		
		Conduit
		Street light (Note Type of Pole, Wood, Steel, etc...)
		Pull Box
		Feed Point
		Signal Controller
		Pedestrian Push Button
		Flashing Beacon, Warning Light
*Note: Space labels as necessary to provide clear identification.		
Huntsville Design Criteria	DRAFTING STANDARDS	Scale: NONE
Revisions		FIGURE 14-1.2

<div> <div>Existing</div>  <div>Proposed</div>  </div> <div>Traffic Signals (See SDHPT Standards for Additional symbols.)</div> <div>MONUMENTS AND PROPERTY CORNERS</div> <div>Monument Found in Field (Note Monument Material, Iron Rod, Wood Stake, etc....)</div> <div> <div>○</div> <div>Property Corner Set, 1/2" Iron Pin, or 2" X 2" Redwood Stake Minimum</div> </div> <div> <div>⊙</div> <div>Subdivision Corner set, 2" Brass Cap in Concrete Base, Required</div> </div> <div> <div>⊙</div> <div>Property Corner or Street Centerline Monument Set, 3/4" Iron Pipe Minimum</div> </div>		
Huntsville Design Criteria	DRAFTING STANDARDS	Scale: NONE
Revisions		FIGURE 14-1.3